

IN THE CLAIMS:

Claim 1 (currently amended): A dental implant anchor (10) for attaching an abutment with at least one replacement tooth to the jaw bone of a mammal, the anchor comprising:

a lower portion (12) with an outer tapered surface (14) which has a thread (16) and is textured to improve bone integration to the anchor; [[and]]

an upper portion (18) with a cylindrical polished collar (21), the upper portion having an upper surface (20) adapted to be engaged by an abutment;

the anchor having an abutment receiving bore (22) extending into the anchor and opening at the upper surface of the upper portion for receiving an abutment, and a threaded bore portion (54) extending into the anchor (10) below the abutment receiving bore (22) for receiving a screw;

the upper portion (18) of the anchor including a cylindrical and non-threaded neck (19) between the polished collar (21) and the a lower portion (12), the neck having an outer surface that is textured to improve bone adhesion to the anchor, the outer tapered, threaded and textured surface of the lower portion (12) being axially longer than the axial length of the upper portion (18); and

a platform (24) having a portion engaged in the abutment receiving bore (22), the platform having an upper, outer polished surface (27) that is contiguous with the cylindrical outer surface of the collar (21).

Claim 2 (previously presented): The dental implant anchor according to claim 1, including at least one toe recess (42) on the outer surface of the lower portion of the anchor for improving threading of the anchor to the bone of the jaw.

Claims 3-4 (canceled).

Claim 5 (previously presented): The dental implant anchor according to claim 1, wherein the abutment receiving bore contains a female tapered surface.

Claim 6 (currently amended): The dental implant anchor according to claim [[1]] 5, wherein the female tapered surface is a Morse taper.

Claim 7 (previously presented): The dental implant anchor according to claim 1, wherein the abutment receiving bore is polygonal.

Claim 8 (previously presented): The dental implant anchor according to claim 1, including a polygonal extension extending from the platform, into the abutment receiving bore.

Claims 9-11 (canceled).

Claim 12 (previously presented): The dental implant anchor according to claim 1, including a fixing screw (52) extending into the threaded bore portion (54).

Claim 13 (previously presented): The dental implant anchor according to claim 1, including an abutment with a foundation for extending into the abutment receiving bore and a screw for holding the abutment to the anchor.

Claim 14 (previously presented): The dental implant anchor according to claim 13, wherein the abutment receiving bore is polygonal.